

Rhode Island Sea Grant Program 2012 NSGO Review

Sami Grimes

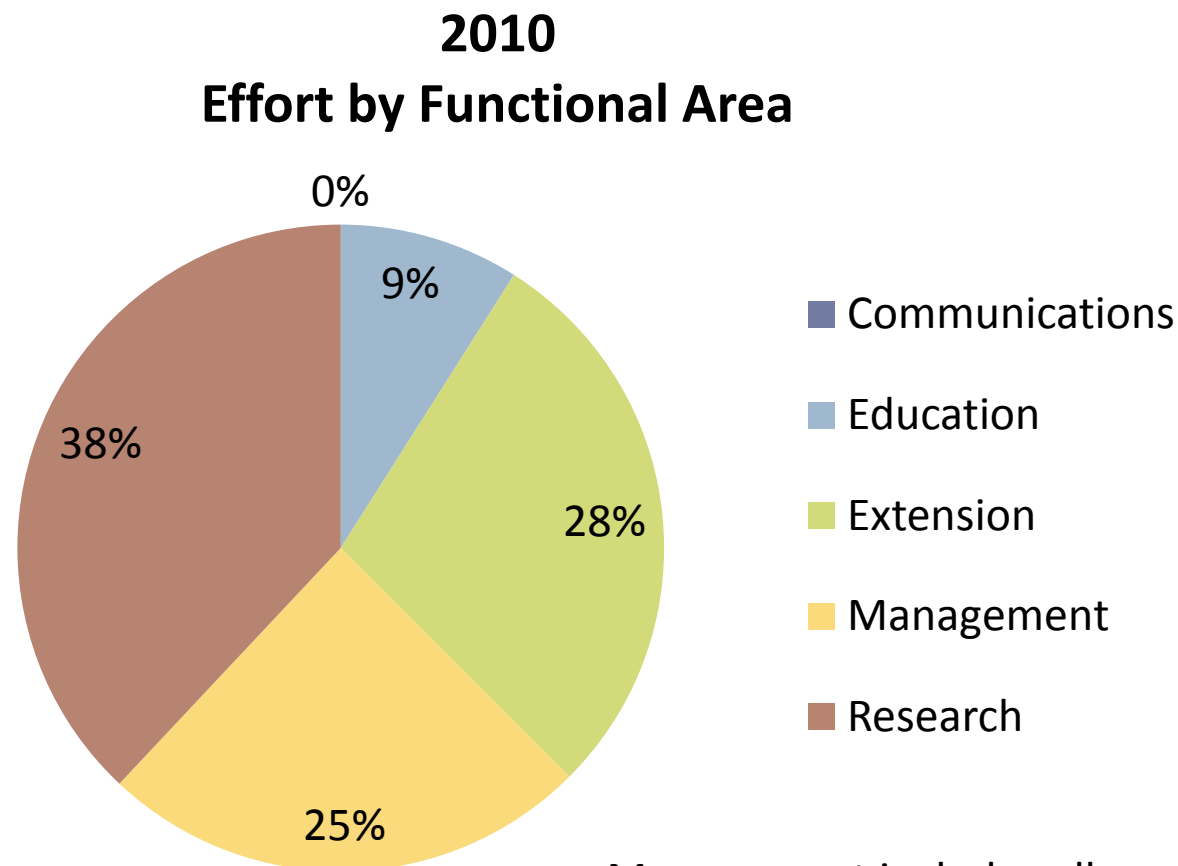
RI SG Management

- Management staff (Name, position, FTE)
 - Director, Barry Costa-Pierce, 1.0 FTE
 - Assistant Director, Alan Desbonnet, 1.0 FTE
 - Extension Leader, Jen McCann, 1.0 FTE (SG)
 - Research Communications Specialist, Meredith Haas, .8 FTE
 - Communicator, Monica Allard-Cox, 1.0 FTE
 - Program Manager, Heather Rhodes, 1.0 FTE
 - Administrative Assistant, Tracy Kennedy, 1.0 FTE
- Large SG Program

RISG Management

Functional Area	# of individuals	# of FTEs supported by SG	# of FTEs supported by match/leverage
Mgt/Admin	6	2.02	2.23
Comm.	6	1.92	.17
Ext.	32	8.01	5.88
Education	8	.5	.42
Research	74	6.98	5.52

RISG 2010 Core Budget (Fed + Match) towards each Functional Area

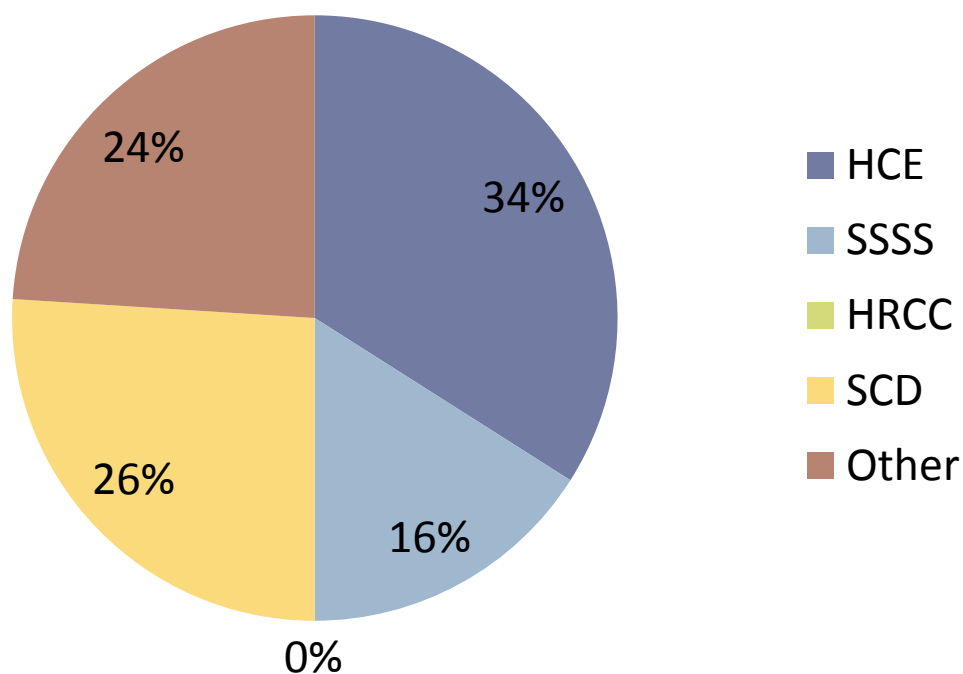


Management includes all program development and communication funds.

RISG 2010 Budget towards each Focus Area

(Fed + Match + Pass-Through + Managed Leveraged Funds)

Effort by Focus Area



Significant RISG Changes (since Jan. 2011)

- Jennifer McCann has been appointed as the RISG extension director
- SAC conducted an internal evaluation – reviewed program “return on investment”
- SAC undertaking a review of impacts; recommend better ways to track, define and justify impact statements

RISG Program RFP Process

- Process to develop RFP priorities: RISG gathers input from its program-wide SAC, stakeholder surveys, stakeholder retreats/workshops, and specialized advisory panels to RISG extension programs
- Composition of review panels:
 - RISG has developed a review process that includes: individual science review, relative science review, and a relevancy review.
 - RISG includes representatives from local resource management institutions to serve on the final review panel of experts to provide a “relevancy review” and guidance.
 - Scientific panel:
 - Discusses each proposal; Ranks them (High, Med, Low); Removes the ones that aren’t fundable (low)
 - Re-rank the high/med proposals
 - Relevancy panel:
 - Discusses each proposal and their relevancy to RI/User

RISG RFP Process for 2012-2013 Projects – Research Metrics

Core Proposals	# of Proposals	# of institutions	# of home institutions
Pre-proposals submitted	19	6	13
Full proposals submitted	17	5	12
Proposals Funded	8	3	5

Contribution to National Performance Measures and Metrics

Focus Area	Metric/Performance Measure	Actual
ALL	Economic Measure – Economic Benefit: Preservation of commercial fishing industry	\$100M; 1700 jobs retained
SSSS	New HACCP Certifications	109
ALL	Volunteer Hours	432
HCE	Resource managers who use ecosystem-based approaches in the management of land...	45

RISG Impacts

- **Towns and state adopt a plan to guide future coastal planning and development.**
 - The Aquidneck Island SAMP was formally adopted by the municipalities of Newport, Middletown and Portsmouth, the State of Rhode Island CRMC, and NOAA. This plan will now be used as an overarching guidance document for further coastal development and planning.
 - Focus Area: Sustainable Coastal Development
 - Goal: Coastal citizens, community leaders, and industries that recognize the complex inter-relationships between social, economic and environmental values in coastal areas and work together to balance multiple uses and optimize environmental sustainability.

RISG Impacts

- **The City of Newport becomes more sustainable in planning for its waterfront future development.**
 - The Town of Newport adopted the Harborwalk Plan and integrated it into the Town Comprehensive Plan, which is the formal document guiding development at the town level. This will help ensure that waterfront development does not occur with significant loss of historic and/or culturally important areas.
 - Focus Area: Sustainable Coastal Development
 - Goal: Coastal citizens, community leaders, and industries that recognize the complex inter-relationships between social, economic and environmental values in coastal areas and work together to balance multiple uses and optimize environmental sustainability.



RISG Impacts

- **Fluke Sector pilot program allows expansion of the fishery.**
 - Completion of a pilot project in the Fluke Sector Fishery has resulted in changes to the sector that have allowed the addition of additional vessels to the sector fishery, improving the economic viability of those businesses.
 - Focus Area: Safe and Sustainable Seafood Supply
 - Goal: A healthy domestic seafood industry that harvests, produces, processes, and markets seafood responsibly and efficiently.



RISG Impacts

- **High Resolution ROMS model used in state agency TMDL studies in urban estuary.**
 - Rhode Island Dept. Environmental Management will use outputs of Upper Narragansett Bay ROMS model to develop TMDL outputs used for management of water quality for Fishable/Swimmable improvement.

- **Focus Area: SCD**

Goal: Sound scientific information to support ecosystem-based approaches to managing the coastal environment.

Widespread use of ecosystem-based approaches to managing land, water and living resources in coastal areas



RISG Impacts

- **Sea Level Rise Vulnerability Assessment adopted at town level.**
 - Town of North Kingstown RI implemented a pilot project (with this collaborative and other partners) to assess municipal vulnerability to sea level rise.
 - Outcomes of the assessment are now being used to develop amendments to the Town Comprehensive Plan.
 - The Town of South Kingstown has expressed interest in implementing the vulnerability assessment, and funding has been procured to implement the assessment in the Town of Narragansett in 2011.
 - Focus Area: Hazard Resiliency in Coastal Communities
 - Goal: Coastal citizens, community leaders, and industries that recognize the complex inter-relationships between social, economic and environmental values in coastal areas and work together to balance multiple uses and optimize environmental sustainability.

RISG 2010 Research Accomplishments

- **Multi-trophic aquaculture growing protocols for Gracilaria developed to turn nuisance algae into a marketable product.**
 - Protocols for integrating the growth of Gracilaria into ongoing oyster aquaculture processes was completed, and the algae is now an integrated part of a multi-trophic aquaculture system. Phase 2 of this project will now take place to assess the nutrition and marketability of Gracilaria as a food item for service in the local restaurant trade.
- **Sediment resuspension is problematic in measuring the flux of organic matter in offshore waters.**
 - This study is showing that resuspension of organic matter in offshore waters is problematic when using moored particle traps, which are useful in inshore environments. Making this known to the research community will allow others to avoid this pitfall, as well as open a new dialog to solve this problem so that accurate estimates of organic matter fluxes in offshore waters can be conducted in assessing impacts of nutrients in marine environments.

Sources

- 2010 Annual Report PIER data
- SRT Report and Program Response
- 2012-14 Omnibus Proposal
- Discussions with RISG Program